## **CLAIM AMENDMENTS**

1. (Currently Amended) A method for forming a micro tip for a micro probe utilized in testing semiconductor integrated circuit devices, said method comprising the steps of:

depositing a thick oxide layer upon a substrate, wherein a thickness of said thick oxide layer is thick with respect to a thickness of said substrate; and

performing a first lithography operation upon said substrate and layers thereof following a deposition of said thick oxide layer upon said substrate;

performing a first metal sputter operation upon said substrate, following said first lithography operation performed upon said substrate and said layers thereof:

performing a chemical mechanical polishing operation upon said substrate and said layers thereof following said first metal sputter operation performed upon said substrate:

performing a second metal sputter operation upon said substrate, following said chemical mechanical polishing operation performed upon said substrate and said layers thereof; and

defining a micro tip for a microprobe from said thick oxide layer upon said substrate through a plurality of subsequent semiconductor manufacturing operations performed upon said substrate and layers thereof, wherein a plurality of said micro tips are mass produceable and can be efficiently utilized in association with increasingly smaller sizes of semiconductor integrated circuit devices.

- 2. (Original) The method of claim 1 further comprising the step of: adapting said micro tip of said microprobe for use with a micromachine.
- 3. (Original) The method of claim 1 further comprising the step of: connecting said micro tip of said microprobe to a micromachine.

Page 2 of 7 SERIAL NO. 10/053,224 4. (Original) The method of claim 1 further comprising the step of: defining said micro tip of said microprobe utilizing a plurality of micromachine manufacturing operations.

## 5. - 8. (cancelled)

- 9. (currently amended) The method of claim 8  $\underline{1}$  further comprising the step of: performing a second lithographic operation upon said substrate and said layers thereof following said second metal sputter operation performed upon said substrate, in order to define a shape of said micro tip.
- 10. (Original) The method of claim 1 further comprising the step of: forming said micro tip for said micro probe on a substrate, wherein said micro tip is formed between a conductive metal layer and said substrate.
- 11. (Original) The method of claim 10 wherein said conductive metal layer comprises an aluminum layer.
- 12. (Original) The method of claim 1 wherein said substrate comprise a silicon substrate.

## 13, - 24, (Cancelled)

25. (previously presented) The method of claim 1 wherein the step of depositing a thick oxide layer upon a substrate, further comprises the step of:

depositing said thick oxide layer upon said substrate, wherein said thickness of said thick oxide layer comprises a thickness thereof in a range from approximately equal to at least half of said thickness of said substrate to said thickness of said substrate.

Page 3 of 7 SERIAL NO. 10/053,224 26. (previously presented) A method for forming a micro tip for a micro probe utilized in testing semiconductor integrated circuit devices, said method comprising the steps of:

depositing a thick oxide layer upon a substrate;

defining a micro tip for a microprobe from said thick oxide layer upon said substrate through a plurality of subsequent semiconductor manufacturing operations performed upon said substrate and layers thereof;

performing a first lithography operation upon said substrate and layers thereof following a deposition of said thick oxide layer upon said substrate;

performing a first metal sputter operation upon said substrate, following said first lithography operation performed upon said substrate and said layers thereof;

performing a chemical mechanical polishing operation upon said substrate and said layers thereof following said first metal sputter operation performed upon said substrate;

performing a second metal sputter operation upon said substrate, following said chemical mechanical polishing operation performed upon said substrate and said layers thereof; and

performing a second lithographic operation upon said substrate and said layers thereof following said second metal sputter operation performed upon said substrate, in order to define a shape of said micro tip, wherein a plurality of said micro tips are mass produceable and can be efficiently utilized in association with increasingly smaller sizes of semiconductor integrated circuit devices.

- 27. (previously presented) The method of claim 26 further comprising the step of: forming said micro tip for said micro probe on said substrate, wherein said micro tip is formed between a conductive metal layer and said substrate.
- 28. (previously presented) The method of claim 27 wherein said conductive metal layer comprises an alumínum layer.

Page 4 of 7 SERIAL NO. 10/053,224 29. (previously presented) The method of claim 26 wherein said substrate comprises a silicon substrate.

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